

ELECTRICAL AUTOMATION SYSTEMS TOWARDS INTELLIGENT AND ENERGY EFFICIENCY APPLICATIONS

Musse Mohamud Ahmed



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APPLICATIONS**

Musse Mohamud Ahmed

Electrical and Computer Engineering Department,
The Faculty of Engineering, IIUM



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CHAPTER 9

INTELLIGENT AUTOMATION SYSTEM: AUTOMATION HARDWARE DEVELOPMENT

Musse Mohamud Ahmed and Soo Wai Lian

*Department of Electrical and Computer Engineering, Faculty of Engineering
International Islamic University Malaysia*

This chapter discusses about distribution automation system (DAS), automation development architecture, programming development and I/O editors.

9.1 Distribution Automation System (DAS) Development

The automation system has been designed to collect all the hardware and software components of the automation system. The automation system consists of the following:
There are two parts which are traditional distribution systems with no automation system possible and automation part which aimed to be automated. The traditional TNB distribution has been modified to make the distribution automation system possible.

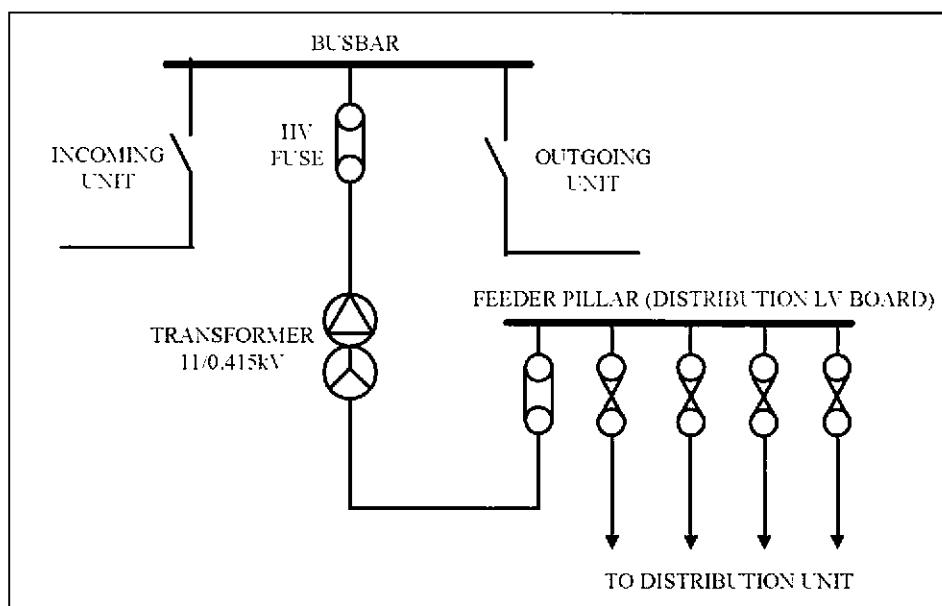


Figure 9.1: TNB Distribution Substation 11/0.415 kV